

Page 1 of 1

All amounts are calculated in domestic currency.

2/2/2016

All Currencies

Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
Vendor ID \ Vendor Name											
PO34367	1	VU-MCM001	McMaster-Carr Supply Co,	Each	12/5/2016	12/2/2016	6.0000				
USD	No		6546K999 6061-T6 ALUM. RECTANGLE TUBE 1/8" X 1" X 1-1/2" m136299		6.0000	PLOU01			0.0000	0	\$0.00
<div> <div>Total Received Quantity:</div> <div>6.0000</div> </div>											
<div> <div>Total Qty to Inspect (PO U/M):</div> <div>0.0000</div> </div>											
<div> <div>Total Reject Quantity:</div> <div>0.0000</div> </div>											
<div> <div>Total Receipt Value:</div> <div>0.0000</div> </div>											
<div> <div>Total Balance Due Quantity:</div> <div>0.0000</div> </div>											

Purchase Order
PO34367

Page 1 of 1

200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada
Attention: Jean-Luc

Order Placed By
Chantal Lavoie

11/30/2016

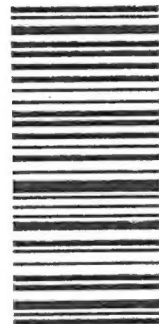
McMaster-Carr Number
3552782-01

Line	Product	Ordered	Shipped		P/01
1	6546K999 Extruded 6061-T6 Aluminum Rectangular Tubing, 1" X 1-1/2", 1/8" Wall Thickness, 6' Length, ** with Material Certificate **	6 Each	6	0 - 0 K999 6EA	1

SP/6-125

Dart Aerospace Ltd

T3TML
EXP
P/01



0 lbs
1 line

Lg

38x12x12

FW1BSP82
11/30/2016
08:01:07:21
616
Cycle 1

1142181707714





Sapa Industrial Extrusions
1550 KIRBY LANE
SPANISH FORK, UT
84660-1349

Sapa Extrusions Inc., a Subsidiary of Sapa AB

Invoice To Customer

RYERSON PROCUREMENT CORP
PO BOX 91601

LUBBOCK, TX - 79490

Ship To Customer

RYERSON PROCUREMENT CORP
2380 TECHNOLOGY DR

ELGIN, IL - 60123

Certified Inspection Report

Sales Order Number	Line No.	Customer P/O	Cert Number	Page
1101063350	2	4500746888-2	SAP2A2449369	1 of 2
			Cert Creation Date	Cert Print Date
			29-MAY-16	29-MAY-16

Quantity Shipped	Date Shipped	Item Description	Specification
1074 LB	29-MAY-16	Extruded Hollow Rect. Tube 1.000 H x 1.500 W x 0.125 WALL 72.5 IN LN FIN M-MILL. W/P 661 F 14 CS 1.8 6061/T6	ASTM B221 REV 14 ASME B221 REV 09 AMS-QQ-A-200/8 REV A
B/L	Item No.	Item No. Rev	
742803	C03993837		
Delivery to		Marking CONTINUOUS:	
4790684			
Customer Part No.			
300038850			

Applicable Specifications, Revisions and Exceptions

TAG: MCMMASTER

COMPOSITION NOTE: The values for 'Others Each' and 'Others Total' have met the limits as shown on this certified inspection report. Remainder is Aluminum.

Legal Statement

We hereby certify that, unless otherwise indicated, the material covered by this report has been manufactured, inspected and tested in accordance with, and has been found to meet, the applicable requirements described herein, including any specifications forming a part of the description and that samples representative of the material met the composition and the mechanical properties shown on the face of this certification. Also, note that mercury is not a normal contaminant in aluminum alloys and neither it nor any of its compounds are used in the manufacture of our product. This certification is not to be reproduced in partial form without prior written approval of our Quality Assurance Dept.

Signature And Title

Justin Donald
Quality Control Manager

29-MAY-16

Quantities per Lot / Packages

Package Number	Lot Number	Quantity	UNIT	Weight	
G14-PKG1802861	22480616	132	PCS	Gross	Net
G14-PKG1802862	22480616	132	PCS	548	537

Composition Limits

Alloy	Si		Fe		Cu		Mn		Mg		Cr		Zn	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
6061	0.40	0.80	---	0.70	0.15	0.40	---	0.15	0.80	1.20	0.04	0.35	---	0.25



Sapa Industrial Extrusions
1550 KIRBY LANE
SPANISH FORK, UT
84600-1349

Certified Inspection Report

Sales Order Number	Line No.	Customer P/O	Cert Number	Page
1101063550	2	4500746888-2	SAPPA249369 Cert Creation Date 29-MAY-16	2 of 2 Cert Print Date 29-MAY-16

Alloy	Ti		Others Each		Others Total	
	Min	Max	Min	Max	Min	Max
6061	---	0.15	---	0.05	---	0.15

Composition Results

Heat / Cast	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Others Each	Others Total
SI6051608	0.74	0.35	0.23	0.06	0.85	0.05	0.06	0.02	---	---

Mechanical Property - Test Limits

Test Type	UTS - L		TYS - L		EL. 4D-Long	
	Q9M	KSI	Q9M	KSI	PCT	
Test Temper	Lot Number	# of Tests	MIN Value	MAX Value	MIN Value	MAX Value
T6	22480616	2	45.0	45.2	41.1	41.9

Cert Notes

Material manufactured to T6S11 specifications also meets T6 requirements.

All elements are represented in the chemical analysis section. The remainder is Aluminum.

All mill finish alloys produced at Sapa Industrial Extrusions comply with Directive 2011/65/EU (RoHS 2) with the exception of 6262 alloy.

In accordance with EN 10204, Test Report Type 2.2 and Certificate Type 3.1

Material produced in compliance to EN 10204 3.1

Melted in USA or Qualifying Countries (as defined in Defense Federal Acquisition Regulation Supplement (DFARS) Section 225.872-1)

Manufactured in USA

Manufactured in the United States



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO34367**

Purchase Order Date 11/18/2016

PO Print Date 11/18/2016

Page Number 1 of 1

Order From :

VU-MCM001

Ship To : DART AEROSPACE LTD

MCMaster-CARR SUPPLY CO,
P.O. BOX 7690
CHICAGO, IL 60680-7690
US

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

E-MAILED

NOV 18 2016

Contact Name

Vendor Phone 330 995 5500

Ship To Contact

Ship To Phone

Ship Via: Purolator ground ppd

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms

Net 10

Currency

USD

FOB

FCA - (Free Carrier)

Line Nbr	Reference Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
			Promise Date				
1	71900-90	6546K999 6061-T6 ALUM. RECTANGLE TUBE 1/8" X 1" X 1-1/2"	12/5/2016		6.00	\$35.00	\$210.00
			Yes		Each		
			12/5/2016				

MATERIAL CERT REQUIRED

6 PCS OF 6 FT REQUIRED

Deliver To: JEAN-LUC

Line Total: \$210.00

PO Total: \$210.00

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Nbr: 1

Change Date: 11/18/2016